WELSH ... OF HEALTH
12 SEP 1950
A.

Cardiff Rural District Council

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MINISTRY OF HEALTH
LIBRARY

ANNUAL REPORT

FOR THE YEAR

1949

BY

G. McKIM THOMAS
M.R.C.S., L.R.C.P., L.D.S.(Eng.), D.P.H.(Lond.).
ACTING MEDICAL OFFICER OF HEALTH

E. DAVIES & SON (PRINTERS), LTD., PARADISE PLACE, CARDIFF.

Public Health Officers, 1949

Acting Medical Officer of Health :

G. McKIM THOMAS,

M.R.C.S., L.R.C.P., L.D.S.(Eng.), D.P.H.(Lond.).

Senior Sanitary Inspector :

EVAN JONES, M.S.I.A. ... No. 2 District (Radyr).

Sanitary Inspectors :

G. I. HALL, M.S.I.A. ... ... No. 3 District (Dinas Powis).

WM. DAVIES, A.R.S.I., M.S.I.A. No. 1 District (Whitchurch).

Clerical Staff :

C. NEATHEY (Resigned 14-3-49).

K. G. TADD (Commenced 6-12-48).

J. BARNES (Commenced 5-9-49, Resigned 25-11-49).

Rodent Operatives :

T. RICHARDS. W. DOERR.

CARDIFF RURAL DISTRICT COUNCIL

Health Department,
20, Park Place,
Cardiff.

To the Chairman and Members of the Cardiff Rural District Council.

Ladies and Gentlemen,

The Welsh Board of Health, have in Circular 2/50 (Wales) requested that the Annual Report of the Medical Officer of Health for 1949, be prepared on the lines of that for 1948.

My report this year does not include any account of the services which have been transferred to other authorities as a result of the National Health Services Act.

The general standard of health in the District has been maintained at a high level and there has not been any serious outbreak of any of the infectious diseases. There was no case of Diphtheria notified during the year and Scarlet Fever still remained of the mild type, there being 34 cases as against 75 for the previous year. There was a slight increase in the Measles notifications (281) as against 238 for the year 1948. Whooping cough notifications were 47.

Whilst in the County generally Acute Poliomyelitis (Infantile Paralysis) was more prevalent, we were fortunate in having only three cases in the District and these were not of a serious type.

The Rural Housing Survey has been carried on throughout the year and should be completed during the coming year, all the worst types of housing having been surveyed and placed in the appropriate categories. In the body of the report further reference is made and a detailed table is shewn. Unfortunately there is still a number of persons who are living under very unsatisfactory conditions and whose standards necessarily fall far below those who are more fortunately housed in new Council houses.

Again I wish to draw the attention of the Council to the unsatisfactory living conditions of some cases of Tuberculosis, where the patients are having to be nursed at home due to their inability to gain admission to hospital owing to the very large waiting lists.

SECTION A

STATISTICS AND SOCIAL CONDITIONS OF THE ARE A

(i) *General Statistics :*

Area—acres	60,056
Estimated resident population, mid-1949 (Registrar General's estimate)	36,420
No. of inhabited houses	9,947
Rateable value of district	£215,966
Sum represented by the 1d. rate	£876

(ii) *Social Conditions :*

The District is divided into two parts, some of which are urban in character and in the Whitchurch district the estimated population is approximately 20,000 persons ; the remainder is mainly rural. There are 321 farms in the area and milk production is largely carried on.

The industries are as follows :—

1. British Railways (Western Region) Locomotive Repair Department, Van.
2. Blaengwynlais Quarry, Whitchurch.
3. Southfords, Ltd., Whitchurch (Wire Brush Manufacturers).
4. Cwmleyshon Quarry, Rudry.
5. Cefn On Basic and Dolomite Works, Van.
6. Cecil Sweet Factory, Whitchurch.
7. Edgefield Engineering Factory, Whitchurch.
8. John Rigg Cases Co., Tongwynlais.
9. G. T. Utley & Co., Ltd., Precision Engineers, Tongwynlais.
10. D. S. Metal Craft Ltd., Tongwynlais.
11. Melingriffith Tin Plate Works, Whitchurch.
12. Taffs Well Dolomite Co., Pentyrch.
13. Tynant Quarries, Radyr.
14. Creigiau Quarries, Creigiau.
15. Tudor Morgan & Son, Timber Merchants, Whitchurch.
16. Maberley Parker & Co., Public Works Contractor, Whitchurch.
17. British Portland Cement Manufacturers, Lavernock.
18. Aberthaw and Bristol Channel Portland Cement Co., Aberthaw.
19. Aberthaw and Bristol Channel Portland Cement Co., Rhoose.
20. Turners Asbestos Cement Co., Rhoose.
21. Seth Hill & Son, Pantyffynon Quarry, Bonvilston.
22. Lavernock Quarries Ltd., Lavernock.
23. St. Andrews Quarry Co., St. Andrews.
24. Wenvoe Quarries (1927) Ltd., Wenvoe.
25. Greenwood Bros., Lime Stone Quarry, Wenvoe.
26. Whitehall Quarries, Walston, Wenvoe.
27. British Geon, Sully.

(iii) *Extracts from Vital Statistics :*

	M.	F.	Total
1. Deaths (all ages)	196	168	364
Death rate per 1,000 of the estimated resident population			10·0
2. Live births—legitimate	213	214	427
illegitimate	3	4	7
Birth rate per 1,000 of estimated resident population :			
Live births—legitimate and illegitimate			11·9
3. (*a*) Still births—legitimate ...	9	7	16
illegitimate ...	—	1	1
Birth rate per 1,000 births of estimated resident population :			
Still births—legitimate and illegitimate			0·46
(*b*) Still births—legitimate—expressed per 1,000 live legitimate births			37·4
Still births—illegitimate—expressed per 1,000 live illegitimate births			142·8
4. (*a*) Deaths of infants under 1 year :			
Legitimate	8	4	12
Illegitimate	1	—	1
Rate per 1,000 live births—legitimate and illegitimate			30
(*b*) Deaths of infants under 1 year—legitimate—expressed per 1,000 live legitimate births			28·1
Deaths of infants under 1 year—illegitimate—expressed per 1,000 live illegitimate births			142·8
5. Number of Maternal Deaths			1

TABLE I.

GLAMORGAN (ADMINISTRATIVE COUNTY)—VITAL STATISTICS, 1949.

		Estimated Population, 1949.		BIRTHS.		DEATHS.		INFANT MORTALITY.	
		Civilian.	Total.	Number of Births.	Rate per 1,000 Population.	Number of Deaths.	Rate per 1,000 Population.	Deaths under 1 year.	Rate per 1,000 Births.
England and Wales		—	—	—	16.7	—	11.7	—	32
Administrative County		730,400	734,610	12,515	17.1	8,896	12.2	503	40
Urban Districts		535,620	535,750	9,388	17.5	6,808	12.7	391	42
Rural Districts		194,780	198,860	3,127	16.1	2,088	10.7	113	36
Health Division : Aberdare and Mountain Ash.	*Constituent Districts :* ...Aberdare Urban	40,850	40,850	609	14.9	642	15.7	31	51
	Mountain Ash Urban	31,900	31,900	542	17.0	450	14.1	25	46
Caerphilly and Gelligaer.	Caerphilly Urban	34,430	34,430	718	20.9	431	12.5	42	58
	Gelligaer Urban	36,390	36,390	759	20.9	422	11.6	27	36
Mid Glamorgan	Bridgend Urban	13,700	13,700	251	18.3	148	10.8	8	32
	Maesteg Urban	23,100	23,100	463	20.0	303	13.1	22	48
	Ogmore and Garw Urban ...	22,710	22,710	426	18.8	283	12.5	13	31
	Porthcawl Urban	9,207	9,237	136	14.8	139	15.1	1	7
	Penybont Rural	34,280	34,530	603	17.6	306	8.9	14	23
Neath and District.	Neath M.B.	23,030	32,030	509	15.9	379	11.8	22	43
	Neath Rural	41,200	41,200	654	15.9	441	10.7	27	41
Pontypridd and Llantrisant.	Llantrisant Rural	24,970	24,970	469	18.8	292	11.7	18	38
	Pontypridd Urban	39,440	39,440	681	17.3	525	13.3	28	41
Port Talbot and Glyncorrwg.	Glyncorrwg Urban	9,023	9,023	180	19.9	101	11.2	10	56
	Port Talbot M.B.	43,670	43,670	785	18.0	492	11.3	43	55
South-East Glamorgan.	Barry M.B.	41,680	41,780	786	18.9	446	10.7	23	29
	Cardiff Rural	36,300	36,420	434	12.0	364	10.0	13	30
	Cowbridge M.B.	1,140	1,140	14	12.3	11	9.6	—	—
	Cowbridge Rural	13,820	17,530	315	22.8	125	9.0	10	32
	Penarth Urban	18,040	18,040	292	16.2	213	11.8	8	27
West Glamorgan	Gower Rural	11,430	11,430	180	15.7	128	11.2	7	39
	Llwchwr Urban	25,680	25,680	354	13.8	271	10.6	7	20
	Pontardawe	32,780	32,780	472	14.4	432	13.2	24	51
Rhondda	Rhondda Urban	112,630	112,630	1,883	16.7	1,552	13.8	81	43

TABLE II.

CAUSES OF INFANT DEATHS AT VARIOUS AGES DURING 1949.

Diseases	Weeks				Total 1st M'nth.	Months				Total
	1	2	3	4		1-3	3-6	6-9	9-12	
Broncho-Pneumonia						2				
Pneumonia							1			
Convulsions						1				
Suffocation						1				
Acute Bronchitis								1		
Prematurity	4		2		6					
Asphyxia							1			
Totals ...	4	–	2	–	6	4	2	1	–	13

TABLE III

BIRTHS.

The number of births and the birth rate in the District for the past ten years is shewn in the following table :—

Year.	*Births.*	*Birth-rate.*
1940 ...	470 ...	13·6
1941 ...	468 ...	13·3
1942 ...	529 ...	15·2
1943 ...	575 ...	17·0
1944 ...	623 ...	17·7
1945 ...	570 ...	16·4
1946 ...	619 ...	17·3
1947 ...	582 ...	15·8
1948 ...	525 ...	14·8
1949 ...	434 ...	12·0

TABLE IV.

BIRTH RATES, DEATH RATES AND ANALYSIS OF MORTALITY IN THE YEAR 1949.

	Rate per 1,000 population		Annual Death Rate per 1,000 Population								Rate per 1,000 live births	
	Live Births	Still Births	All Causes	Tyhpoid and Paratyphoid Fevers	Smallpox	Whooping Cough	Diphtheria	Influenza	Scarlet Fever	Measles	Diarrhoea and Enteritis (under two years)	All Deaths under one year
England and Wales	16·7	0·39	11·7	0·00	0·00	0·01	0·00	0·15	0·00	0·00	3·0	32
126 County Boroughs and Great Towns including London	18·7	0·47	12·5	0·00	0·00	0·02	0·00	0·15	0·00	0·00	3·8	37
148 Smaller Towns (Estimated resident population 25,000—50,000 at 1931 Census)	18·0	0·40	11·6	0·00	0·00	0·01	0·00	0·14	0·00	0·00	2·4	30
London Administrative County	18·5	0·37	12·2	0·00	0·00	0·01	0·00	0·11	0·00	0·00	1·7	29
Cardiff R.D.C. "Crude"	12·0	0·46	10·0	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·00	30

The following is a table of the principal diseases and causes of death which were registered in the district during the year under review :—

TABLE V

CAUSES OF DEATH IN THE CARDIFF RURAL DISTRICT DURING 1949.

CAUSE OF DEATH.		M.	F.
All causes		196	168
Typhoid and Paratyphoid Fevers		—	—
Measles		—	—
Scarlet Fever		—	—
Whooping Cough		—	—
Diphtheria		—	—
Influenza		—	—
Encephalitis Lethargica		—	—
Cerebro-Spinal Fever		—	—
Tuberculosis of respiratory system		5	3
Other tuberculosis diseases		1	1
Syphilis		3	—
Cancer, malignant disease		28	39
Diabetes		3	3
Intra-cranial Vascular Lesions		20	24
Heart disease		55	40
Other circulatory diseases		13	5
Bronchitis		21	8
Pneumonia		6	4
Other respiratory diseases		8	3
Peptic ulcer		2	1
Diarrhoea, etc. (under 2 years)		—	—
Appendicitis		2	—
Other digestive diseases		2	1
Nephritis		3	11
Puerperal pyrexia		—	—
Other Maternal causes		—	1
Premature Birth, Malformations, Birth Injuries & Infant Diseases		7	1
Suicide		1	2
Road Traffic		3	1
Other violent causes		2	—
Causes ill-defined or unknown		11	20
Special causes (included in "other defined diseases" above)			
Small-pox		—	—
Poliomyelitis		—	1
Polio Encephalitis		—	—
Deaths of infants under 1 year	Total	9	4
	Legitimate	8	4
	Illegitimate	1	—
Live births	Total	216	218
	Legitimate	213	214
	Illegitimate	3	4
Still births	Total	9	8
	Legitimate	9	7
	Illegitimate	—	1

Population (estimated by the Registrar-General at mid-1949)... Civilian 36,300
Total 36,420

SECTION B

GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA.

Public Health Laboratory Facilities.

Examination of pathological specimens and bacteriological examination of ice cream, milk and water supplies are carried out by the Public Health Laboratory Service, The Parade, Cardiff.

Chemical analyses of sewage effluents, water samples and ice cream continue to be made by the City and County Public Health Laboratory at the same address.

Examination of Pathological Specimens during the Year.

Nature of Specimen	No. of Specimens Examined	Negative	Positive
Swabs for Haemolytic Streptococci ...	84	63	21
Swabs for Diphtheria	101	101	—
Sputum for Tubercle Bacilli	7	6	1
Urine for Tubercle Bacilli	—	—	—
Faeces for Dysentry	25	10	15
Faeces for Enteric	1	—	1
Hairs for Ringworm	1	—	1
Urine for Pus	4	2	2
Blood for Malaria...	—	—	—
Pertussis for Whooping Cough... ...	2	2	—
Faeces for Ova	—	—	—
Blood for Undulant Fever	—	—	—
Meat Paste for Food Poisoning ...	1	—	1
Total ...	226	184	42

SECTION C

SANITARY CIRCUMSTANCES OF THE AREA

WATER

A satisfactory standard of purity in the water supplies controlled by your authority has been maintained throughout the year, and in those parts of the district still supplied by means of wells and springs of doubtful purity, there has been no evidence of any water borne diseases. There is no evidence of plumbo solvency in any of the Council's supplies. Samples of water for bacteriological examination have been taken regularly from each of the supplies, including public and private mains, wells and springs. The results obtained appear in tabular form on page 12, and were reported to you at the Health Committee at the end of each quarter in the form of a joint report by your Medical Officer and Surveyor.

Much progress has been achieved during the year in the work of extending public mains to supply isolated villages and dairy farm premises.

The Welsh Board of Health approved a scheme for the installation of a mains supply along the Rudry Road, Lisvane, where several dwelling houses and three dairy farms were dependent upon wells, springs and a stream of doubtful purity. The scheme is nearing completion and arrangements are being made to connect up the houses and farms concerned.

A scheme to extend the public mains for a distance of half a mile along Thornhill Road, Lisvane, was completed during the year. Ten dwelling houses and three dairy farms have already connected their premises and discontinued the use of wells and roof rainwater storage tanks. An extension of the public mains was completed at Cherry Orchard, Lisvane, where eight dwelling houses and a dairy farm benefited considerably by the provision.

The private mains supply to Creigiau Village, dependent on springs of doubtful purity which had to be heavily chlorinated to ensure safety for human consumption, was replaced by a satisfactory supply from the Pentyrch public mains.

TABLE VI.

BACTERIOLOGICAL ANALYSIS OF WATER, 1949.

Source	March Quarter		June Quarter		September Quarter		December Quarter	
	Date	Result	Date	Result	Date	Result	Date	Result
A.—PUBLIC MAINS SUPPLY.								
Bonvilston, etc., Scheme	S. 4.49	Satisfactory	4. 7.49 12. 7.49	Unsatisfactory Satisfactory	30. 9.49	Satisfactory	29.12.49	Satisfactory
Radyr	28. 3.49	Satisfactory	13. 6.49	Satisfactory	30. 9.49	Satisfactory	29.12.49	Satisfactory
Van (Rhymney Water Board)	22. 2.49	Satisfactory	4. 7.49	Satisfactory	27. 9.49 6.10.49	Unsatisfactory Satisfactory	10.11.49 24.11.49	Unsatisfactory Satisfactory
Welsh St. Donatts (Mid-Glam. Water Board)	28. 3.49	Satisfactory	4. 7.49	Satisfactory	28. 3.49 29. 9.49	Satisfactory Unsatisfactory	29.12.49	Satisfactory
Penmark	24. 3.49	Satisfactory	28. 6.49	Satisfactory	29. 9.49	Satisfactory	2. 1.S0	Satisfactory
Pentyrch and Llaniltern	28. 3.49	Satisfactory	4. 7.49	Satisfactory	29. 9.49	Satisfactory	29.12.49	Satisfactory
Gwaelodygarth (Tank on Mountain) ...	28. 3.49	Satisfactory	4. 7.49	Satisfactory	29. 9.49	Satisfactory	29.12.49	Satisfactory
Well, New Row, Rhydygwern	22. 2.49	Satisfactory	16. 4.49	Satisfactory	27. 9.49	Satisfactory	29.12.49	Satisfactory
Spring and Filtration Plant, Rudry ...	22. 2.49	Satisfactory	16. 4.49	Satisfactory	1S. 7.49	Satisfactory	2S.10.49	Satisfactory
Waterloo Terrace, Rudry	22. 2.49	Satisfactory	19. 4.49	Satisfactory	1S. 7.49	Satisfactory	24.11.49	Satisfactory
B.—PRIVATE MAINS SUPPLY :								
Wingfield Estate Supply, Creigiau ...	28. 3.49	Satisfactory	4. 7.49	Satisfactory	29. 9.49	Satisfactory	Taken from Pentyrch Reservoir	
Glyn Cory, Peterston-s.-Ely	28. 3.49	Satisfactory	4. 7.49	F. Satisfactory	29. 9.49	Unsatisfactory	29.12.49	Unsatisfactory
C.—PUBLIC WELLS AND SPRINGS :								
Well, Springmeadow, Lisvane	22. 3.49	Satisfactory	4. 7.49	Satisfactory	27. 9.49	Satisfactory	29.12.49	Satisfactory
Rhoose Village Pump	24. 3.49	Satisfactory	19. 4.49	Satisfactory	Pump not in use.		Pump not in use.	
Well, Cefn Mably Council Houses ...	22. 2.49 1. 3.49	Suspicious Satisfactory	19. 4.49	Satisfactory	13. 7.49	Satisfactory	29.12.49	Unsatisfactory
D.—PRIVATE WELLS AND SPRINGS :								
Well, Draethan Row, Rhydygwern ...	22. 2.49	Satisfactory	4. 7.49	Satisfactory	13. 7.49 30. 9.49	Satisfactory Unsatisfactory	29.12.49	Satisfactory
Spring, Wernddu Row, Van	22. 2.49	Satisfactory	19. 4.49	Satisfactory	27. 9.49	Satisfactory	29.12.49	Satisfactory

TABLE VII.

PROVISION OF WATER SUPPLY IN THE PARISHES COMPRISING THE COUNCIL'S DISTRICT.

Name of Parish	No. of Houses (approx.)	No. of Houses on Main Supply	No. of Houses dependent on Wells etc.	Mains supply Sufficiency of Pressure	Quality Filtered and Chlorinated	Name of Suppliers	Remarks
Bonvilston	42	40	2	Satisfactory	Yes	Bulk Supply Cardiff Corporation	Distributed through C.R.D.C. mains
Leckwith	20	2	18	Satisfactory	Yes	Cardiff Corporation	
Lavernock	29	19	10	Satisfactory	Yes	Cardiff Corporation	
Llancarfan	113	S9	54	Satisfactory	Yes	Bulk supply	Distributed through C.R.D.C. Mains.
Lisvane	IB7	131	56	Satisfactory	Yes	Cardiff Corporation	
Llanedeyrn	226	IB6	40	Satisfactory	Yes	Cardiff Corporation	
Llanilterne	49	14	3S	Satisfactory	Yes	C.R.D.C.	
Llanfedw	49	—	49	Nil	Nil	Nil	
Llantrithyd	33	24	9	Satisfactory	Yes	Bulk Supply Cardiff Corporation	Distributed through C.R.D.C. Mains.
Llanvithyn	4	2	2	Satisfactory	Yes	Bulk Supply Cardiff Corporation	Distributed through C.R.D.C. Mains.
Michaelston-le-Pit	SS	IB	37	Satisfactory	Yes	Cardiff and Barry Corporation	Distributed through C.R.D.C. Mains.
Pendoylan	112	16	96	Satisfactory	Yes	Bulk Supply Cardiff Corporation	Distributed through C.R.D.C. Mains.
Penmark	226	219	7	Satisfactory	Yes	Barry Corporation	Distributed through C.R.D.C. Mains.
Pentyrch	S71	461	2S	Satisfactory	Yes	C.R.D.C. (to 21/4/49)	Now supplied by Pentyrch Reservoir
Creigiau	—	BS	—	Satisfactory	Yes	Private Supply Wingfield Estate	
Peterston-super-Ely	97	SS	42	Satisfactory	Yes	Bulk Supply Cardiff Corporation	Distributed through C.R.D.C. Mains.
Porthkerry...	143	139	4	Satisfactory	Yes	Barry Corporation	
Radyr	466	44B	IB	Satisfactory	Yes	Bulk Supply Cardiff Corporation	Distributed through C.R.D.C. Mains.
Rhydygwern	S3	25	B	Satisfactory	No	C.R.D.C.	
Draethan	—	20	—	Unsatisfactory	No	Private Supply Tredegar Estate	
Rudry Village	127	B7	13	Satisfactory	Yes	C.R.D.C.	
Waterloo	—	27	—	Unsatisfactory	No	C.R.D.C.	
St. Andrews	764	760	4	Satisfactory	Yes	Cardiff and Barry Corporation	Distributed through C.R.D.C. Mains
St. Brides-super-Ely	31	30	1	Satisfactory	Yes	Bulk Supply Cardiff Corporation	Distributed through C.R.D.C. Mains.
St. Fagans	111	73	3B	Satisfactory	Yes	Cardiff Corporation	
St. Georges-super-Ely	B1	67	14	Satisfactory	Yes	Bulk Supply Cardiff Corporation	Distributed through C.R.D.C. Mains.
St. Lythans	19	—	19	Nil	No	Nil	
St. Nicholas	112	41	47	Satisfactory	Yes	Bulk Supply Cardiff Corporation	Distributed through C.R.D.C. Mains.
Glyn Cory	—	24	—	Satisfactory	No	Glyn Cory Estate	
Sully	170	170	—	Satisfactory	No	Barry Corporation	
Van	B2	60	22	Satisfactory	Yes	Rhymney Valley Water Board	Bulk supply distributed through C.R.D.C. Mains.
Welsh St. Donatts	72	1S	S7	Satisfactory	Yes	Mid-Glamorgan Water Board	Bulk supply distributed through C.R.D.C. Mains.
Wenvoe	169	113	S6	Satisfactory	Yes	Cardiff Corporation	
Whitchurch	S,734	S,716	IB	Satisfactory	Yes	Cardiff Corporation	Added area Tongwynlais through C.R.D.C. Mains.
Totals	9,947	9,146	B01				

The well supply to the Council houses at Llanfedw is not satisfactory, two samples submitted for bacteriological examination gave results of doubtful purity. Negotiations are proceedings with a view to securing a supply from the mains at Cefn Mably Hospital situated within a distance of half a mile of the houses.

I must also call attention to the fact that several communities in the Council's district are still dependent on a street tap supply, and in my opinion this cannot be regarded as adequate. In districts where the volume and pressure of the supply is sufficient every effort should be made to instal a piped supply into the houses.

I am indebted to Mr. S. P. Youldon, your Engineer and Surveyor, for the following progress report on the proposed extension of public mains in your district.

Bonvilston and Welsh St. Donatts scheme which includes Glyn Cory, Peterston and Pendoylan.

This scheme was put into operation in March, 1949, and during the year the following progress was recorded :—

1. **Water Main :**

(*a*) **Pendoylan Section—**

Lilypot Farm to Pendoylan and Clawdd Coch, Tredodridge and Dyffryn Manor.

(*b*) **Welsh St. Donatts Section—**

Lilypot Farm to Crossways Farm, Bonvilston.

2. **Storage Tanks and other works at Lilypot Farm :**

(*a*) Construction of concrete tanks (100,000 gallons capacity). The concrete floor and walls up to "top water level" were completed.

(*b*) High Level Tank and Tower (15,000 gallons capacity). This tank was completed and tested satisfactorily.

(*c*) Pumping Station. The building was completed and ready to receive the pump units.

Proposed new Main, south of Cowbridge Road to serve Llancadle, Moulton, Walterston, St. Lythans, Duffryn and extension to Allt Aron, Peterston.

Tenders have been invited for this scheme, but owing to the delay in delivery of cast-iron pipes and fittings it is not anticipated that the work can proceed before February, 1951.

Rudry, Rhydygwern (Draethan) and Van.

A contract has been entered into for this scheme, but owing to delay in the delivery of pipes and fittings, work will not commence before January, 1951.

Creigiau.

A scheme for taking over the private supply serving Creigiau was completed and from the 21st April, 1949, Creigiau was served with water from the Council's main at Pentyrch.

CLOSET ACCOMMODATION, DRAINAGE AND SEWERAGE.

A small sewerage extension was carried out in the Lavernock Parish by the British Portland Cement Manufacturers Ltd., Lavernock. The works canteen, and office blocks and five adjoining properties were drained to a sewer which was in turn connected to the sewer of the Penarth Urban District Council. The works and one house previously drained to cesspools whilst the other four dwellings were provided with earth closets. These latter have now been converted to water closets.

Penmark (Fontigary Sewerage).

A Public Enquiry was held on 15th July, 1949, in connection with the above and a communication was subsequently received from the Welsh Board of Health suggesting (*a*) the omission of certain items to reduce the cost of the scheme and (*b*) the provision of a tidal storage tank with automatically controlled discharge.

Pentyrch Sewerage.

(*a*) **Gwaelodygarth.**

Work on this section of the scheme commenced during the last week of the year.

(*b*) **Pentyrch and Creigiau.**

Negotiations for the acquisition of sites for the proposed sewerage disposal works were still continuing at the close of the year.

Peterston-super-Ely (Gwern-y-Steeple).

The Public Enquiry in connection with the above was held on 31st October, 1949. The Welsh Board of Health have suggested a revision of the scheme submitted at the Enquiry.

RIVERS AND STREAMS.

No complaints have been received during the year of the pollution of water courses.

PUBLIC CLEANSING.

The collection of house refuse in the Parish of Whitchurch is by direct labour, the remainder of the district being covered by contractors as follows :—

Bonvilston
Creigiau and Croesfaen
*Council Houses, Llanfedw
Draethan
Gwern-y-steeple
*Gwaelodygarth
Llancarfan, Llancadle, Llanbethery
Lisvane
*Llanedeyrn
Llanilterne
*Michaelstone-le-pit
*Pentrych
Peterston-super-Ely
*Penmark

*Porthkerry
Radyr
*Rudry
*Rhydygwern
St. Andrews
St. Brides
St. Lythans Downs
St. Georges
St. Nicholas
*Sully
Tongwynlais
*Van
Wenvoe

*Pail closets are also emptied in these parishes

St. Fagans Village is scavenged by the Plymouth Estate.

Two extensions of a major character have been introduced during the year, those being the inclusion of—

1. St. Brides Village
2. Moulton and Walterston, Llancarfan.

Apart from the foregoing, there have been a number of minor extensions to include houses newly constructed or properties situated a short distance beyond the previous limit of the scavenging areas.

The collection of house refuse was also undertaken from Hayes Farm Camp immediately the Council assumed control of this camp towards the end of the year.

The Council again gave consideration to the question of extending the area covered by direct labour, but deferred the matter until a decision had been given upon the application of the Cardiff Corporation for a variation of their boundaries.

CAMPING SITES

Applications for permission to establish camping grounds on land situated within the coastal area of the district were again received and, no planning objection being received to their use during the summer months, the following licences were granted under the provisions of Sub-section 1 (i) of Section 269 of the Public Health Act, 1936:—

1. Swanbridge Bay Camping Ground—44 trailer caravans to 30th September, 1949.
2. Spinney Camping Ground—22 trailer caravans to 31st October, 1949.
3. St. Marys Well Bay, Lavernock—40 trailer caravans to 31st October, 1949.
4. Old Searchlight Station, Lavernock—15 tents to 31st October, 1949.
5. Court Farm, Rhoose—50 tents or trailer caravans to 31st October, 1949.
6. Land in occupation of Mr. A. C. Cullen, Sully—3 trailer caravans and one tent to 31st October, 1949.
7. Land at rear of Chemist Shop, Rhoose—4 tents for a period of one month.

The above list shows a reduction of one from the previous year's licences, no application having been received in respect of land adjoining Fontigary Cafe, Rhoose.

All these sites are provided with a mains water supply and, with the exception of No. 6 have flush water closets. The moveable dwellings have their own individual closets.

Frequent inspections were made of these camping grounds during the summer months and I have to record again a recurring nuisance from the cesspool draining the conveniences at Court Farm, Rhoose. It is hoped that the extension of the sewer through Fontigary, approval for which had been given at the end of the year, will finally abate these insanitary conditions. The attention of the Council was also called to the gross over-crowding of this camp, the number of trailers and tents stationed on the land during the " peak period " of August being grossly in excess of that permitted under the licence.

Another aspect of the camping grounds with which the Council have been faced is the continued occupation of trailers after the close of the camping season by persons who have no other home. A report submitted towards the end of the year revealed that no fewer than three licensed sites had occupied trailers and necessary action was taken to compel the licensee to secure their removal.

Three licences pursuant to sub-section 1 (ii) of section 269 of the Public Health Act, 1936 were granted to persons to station and use moveable dwellings. These licences, granted to meet the needs of certain individuals the nature of whose occupation compels them to travel to various parts of the country, are limited in duration and are reviewed at the expiration of the term of the licence. One of the conditions attached to these licenses is that the owner or occupier of the land shall not permit any further moveable dwelling to be placed thereon.

TABLE VIII.

ANALYSIS OF THE SANITARY ACCOMMODATION AND DRAINAGE IN EACH OF THE PARISHES COMPRISING THE COUNCIL'S DISTRICT.

Parish	No. of Houses (approx.)	Complete water carriage to sewer	Treatment works	Cesspools		Water carriage to outfall other than cesspool or sewer	No satisfactory slopwater disposal and dry closets	Proposed scheme and order of Priority
				Complete water carriage	Slopwater only, dry closet			
Bonvilston	42	—	1	12	7	—	22	No. 17, Bonvilston Village.
Leckwith	20	—	1	—	4	11	4	Nil.
Lavernock	29	8	2	4	2	9	4	Nil.
Llancarfan	113	—	—	11	15	—	87	No. 15, Llancarfan Village.
Lisvane	187	60	4	58	22	—	43	Nil.
Llanedeyrn	226	122	26	47	14	—	17	No. 12, Cyncoed Area.
Llanilterne	49	—	—	10	18	—	21	Nil.
Llanfedw	49	2	—	6	—	—	41	Nil.
Llantrithyd	33	—	—	4	1	—	28	No. 21, Llantrithyd Village.
Llanvithyn	4	—	—	1	—	—	3	Nil.
Michaelston-le-Pit	55	15	9	4	15	—	12	Nil.
Pendoylan	112	—	—	13	64	—	35	No. 6, Gwernysteeple.
Penmark	226	34	1	92	11	2	86	No. 3, Fontigary Area, Rhoose.
Pentyrch	571	59	2	193	42	—	275	No. 1, Pentyrch Village. Creigiau Village. Gwaelodygarth.
Peterston-super-Ely	97	—	1	35	7	1	53	No. 10, The Village.
Porthkerry	143	123	—	15	—	1	4	Nil.
Radyr	466	431	—	24	11	—	—	Nil.
Rhydygwern	53	—	—	3	23	—	27	No. 19, Rhydygwern.
Rudry	127	—	—	13	4	—	110	(*a*) No. 2, Garth Place. (*b*) No. 18, Waterloo Area.
St. Andrews	764	670	—	78	11	2	3	(*a*) No. 5, Sully Road Area. (*b*) No. 13, Cross Common. (*c*) No. 14, St. Andrews Rd.
St. Brides	31	—	—	10	16	—	5	No. 21, The Village.
St. Fagans	111	—	—	15	3	—	93	No. 21, The Village.
St. Georges	81	—	—	10	22	—	49	No. 21, The Village Area. Church Area. The Village. The Downs.
St. Lythans	19	—	—	—	5	1	13	Nil.
St. Nicholas	112	—	27	38	36	—	11	No. 11, The Village.
Sully	170	—	2	133	23	6	6	No. 7, The Village.
Van	82	25	—	17	2	—	38	(*a*) No. 8, Porset Area. (*b*) Van Terrace to Wernddu Cottages.
Welsh St. Donatts	72	—	—	11	4	—	57	Nil.
Wenvoe	169	—	19	78	10	—	62	No. 4, Village and Twynyrodin Area.
Whitchurch	5,734	5,693	—	22	4	—	15	To be considered.
Totals	9,947	7,242	95	957	396	33	1,224	

SMOKE ABATEMENT.

Atmospheric Pollution.

Complaints were received during the year of noxious emissions from a chemical works within the district. The facts were reported to the Inspector of Alkali etc. Works and several visits were made in company with him to the factory, as a result of which certain steps were taken by the Company. These improvements were installed towards the end of the year and insufficient time has elapsed to judge their efficacy.

Complaints were also received of dust emission from a cement works. In this case also, contact was made with the Inspector of Alkali etc. Works and the Company has now undertaken to have dust arrester plant installed. Delivery, however, cannot be expected for eighteen months to two years.

ERADICATION OF BED BUGS

Nine dwellings, two of which were Council houses, were treated for verminous infestation. Systematic inspection of all houses from which tenants are accepted for occupation of Council houses was carried out to ensure that no verminous infestation was transferred to the Council's properties.

SWIMMING BATHS AND POOLS.

There are no public or privately owned swimming baths open to the public in any part of the area.

SCHOOLS.

Precautions to prevent the spread of infectious disease are taken in accordance with the instructions contained in the Memorandum of Closure and Exclusion from School, 1927.

RODENT CONTROL.

During the year the following work was carried out:—

Number of houses surveyed	6,741
Number of houses treated	373
Number of rats destroyed	2,929
Number of mice destroyed	557

During the year, two maintenance treatments for rats in sewers were carried out, the particulars being as follows:—

	Total Manholes Surveyed.	Baited	Prebait.	Complete Prebait.
January to March, 1949 ...	1,128	544	56	10
July to September, 1949 ...	1,157	559	48	10

SECTION D

HOUSING.

During the year 160 Council houses were completed and let and the position in the Council's Housing Programme as at 31st December, 1949, is as follows, for which information I am indebted to the Housing Section of the Clerk's Department:—

Housing Programme, 1945-1949.

Total number of houses in respect of which contracts let	406
Number of houses completed at 31st December, 1949	320
Balance uncompleted at 31/12/49	86

Located as follows:—

Gwaelodygarth	18
Lisvane	6
Penmark	18
Pentyrch	10
Sully	8
Tongwynlais	2
Whitchurch	24
	86

Of the houses completed during the year, thirty were of the "Airey" type and were let exclusively to agricultural workers.

The following table shows the number of houses erected and put out of use during the year.

Parish	No. of Houses in 1948	Council Houses erected	Private Houses erected	No. Closed or Demol-lished	Total No. of Houses 1949
Bonvilston	36	6	—	—	42
Leckwith	20	—	—	—	20
Lavernock	29	—	—	—	29
Llancarfan	113	—	—	—	113
Lisvane	185	2	—	—	187
Llanedeyrn...	226	—	—	—	226
Llanilterne	43	6	—	—	49
Llanfedw	49	—	—	—	49
Llantrithyd	33	—	—	—	33
Llanvithyn	4	—	—	—	4
Michaelston-le-pit ...	55	—	—	—	55
Pendoylan	112	—	—	—	112
Penmark	226	—	—	—	226
Pentrych	563	8	—	—	571
Peterston-s-Ely	92	6	—	1	97
Porthkerry	137	6	—	—	143
Radyr	455	16	1	6	466
Rhydygwern	53	—	—	—	53
Rudry	127	—	—	—	127
St. Andrews	746	14	4	—	764
St. Brides	31	—	—	—	31
St. Fagans	111	—	—	—	111
St. Georges	75	6	—	—	81
St. Lythans	20	—	—	1	19
St. Nicholas	96	16	—	—	112
Sully	169	—	1	—	170
Van	82	—	—	—	82
Welsh St. Donatts ...	72	—	—	—	72
Wenvoe	164	—	5	—	169
Whitchurch	5,651	74	11	2	5,734
Totals ...	9,775	160	22	10	9,947

Houses Voluntarily Closed

Hazel Cottage, Duffryn
Tynycoed Cottage, Rhiwbina
Little House, Chapel Road, Morganstown
Ysgubor Fawr, Morganstown
Garth Cottages, Morganstown (2)
Goitre Fawr, Radyr
55, Ironbridge Road, Tongwynlais
School House, Peterston-super-Ely
Old Post Office, Morganstown, Radyr

Nine of the ten cottages mentioned above were, due to their unfit condition for human habitation, closed by the consent of the owners, and alternative accommodation provided for the families

in occupation. In the case of Tynycoed Cottages, Rhiwbina, both of which were overcrowded and in an unfit condition, the committee agreed, as a temporary measure, to allow the owner to convert the two cottages into one, and to carry out such work as was necessary to render the premises fit for the occupation of one family, and the other family were provided with alternative accommodation.

RURAL HOUSING SURVEY.

The main purpose of the survey, which was to present an overall picture of the condition of the "working class" property, has now been largely achieved. A rateable value of £15 was fixed as the upper limit of "working class" property, but this figure brings within range bungalows and the smaller type of house, many of which were built between the two wars and which are structurally sound and provided with all amenities. Inspection and classification of the old property has been largely completed and the 17 per cent. remaining to be inspected are mainly those of of the type indicated above.

The following table shows the number of houses inspected and their classificaton as at 31st December, 1949:—

	Classification			
	1	2	3 & 4	5
Number of houses	2,131	649	818	491
Percentage of total surveyed ...	52.1	15.8	20	12
Number of houses overcrowded	3	3	8	11

During the year, an application pursuant to the provisions of Section 3 (1) of the Housing (Financial Provisions) Act, 1938 as amended by Section 13 of the Housing (Financial and Miscellaneous Provisions) Act, 1946 for a grant of £15 per annum payable for a period of 40 years was made by Messrs. Thurstons, Ltd., Dinas Powis in respect of each of two properties to be erected at Dinas Powis and intended for occupation by agricultural workers. The applications were granted and the erection of the houses commenced during the year.

The Housing Act, 1949, which came into operation this year removes the reference to the "working classes" in many, but not all, of the principal Acts of 1936. The principal provisions of the new Act are contained in Part II and relate to financial assistance which is available towards the improvement of existing housing accommodation. To qualify for a grant, the local authority must be satisfied that the property will, after completion of the proposed work:—

1. Satisfy a comprehensive standard laid down in the Act.
2. Remain structurally sound for a period of 30 years.
3. That all the proposed improvements can be executed for the sum of £600.

Grants of up to 50 per cent. of £600 are available and rent chargeable in respect of the resulting dwelling is fixed to a figure estimated in accordance with a formula specified in the Act.

The operation of this Act in the Council's district could have the effect of bringing up to a satisfactory standard many of those houses where amenities are lacking and it will also serve to enable the extension of accommodation to ameliorate overcrowding. Having regard to the limit of £600, it is doubtful whether it will enable property classified as unfit to be reconditioned to the required standard as this class of house invariably requires a very much larger sum to be expended.

The repair of dwellings during the year has been enforced under the appropriate provisions of the Public Health Act, 1936, and it is a source of satisfaction to report that notices are now being more expeditiously complied with. Except for intermittent shortages of bricks and cement, building materials appear to be more readily available. Timber, however, as is well known, continues to be in short supply and is still subject to licence.

At the commencement of the year, squatters took over hutments at Hayes Camp, Sully, and the Council were later requested by the Welsh Board of Health to assume control. After some discussion, the Council accepted transfer of the requisition in July and since that date adaptations have been proceeding. Eventually each hut will be provided with a separate water supply and slop water drainage.

The number of families housed at the various Ex-Service camps at the end of the year was:—

Bulwarks Camp, Porthkerry	5
Hayes Camp, Sully	20
Model Farm, Porthkerry	24
Rhydlafer Camp	29
Swanbridge Camp, Lavernock	9
	87

FACTORIES ACTS, 1937 and 1948. Table IX.

Regular visits of inspection have been made to factories in the district as shewn in the following tables:—

1. INSPECTIONS.

Premises. (1)	Number on Register (3)	Number of Inspections (4)	Number of Written notices (5)	Number of Occupiers Prosecuted. (6)
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	5	—	—	—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	34	33	2	—
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding outworkers' premises)	—	—	—	—
Total	39	33	2	—

2. CASES IN WHICH DEFECTS WERE FOUND.

Particulars. (1)	Number of Cases in which Defects were found. Found (3)	Remedied (4)	Referred To H.M. Inspector (5)	Referred By H.M. Inspector (6)	Number of Cases in which Prosecutions were instituted (7)
Want of Cleanliness (S.1) ...	—	—	—	—	—
Overcrowding (S.2)	—	—	—	—	—
Unreasonable temperature (S.3)	—	—	—	—	—
Inadequate ventilation (S.4) ...	—	—	—	—	—
Ineffective drainage of floors					
Sanitary Conveniences (S.7) :					
(*a*) Insufficient	—	—	—	—	—
(*b*) Unsuitable or defective	2	2	—	—	—
(*c*) Not separate for sexes	—	—	—	—	—
Other offences against the Act (not including offences relating to Outwork) ...	—	—	—	—	—
Total	2	2	—	—	—

FOOD AND DRUGS ACT, 1938.

Regular visits to premises used for the storage and sale of food intended for human consumption have been made throughout the year. Progress has been made in the provision of hot water supplies.

Ice-Cream and Food Preparing Premises.

All premises used for:—

(*a*) The preparation or manufacture for the purposes of sale of sausages or potted, pressed, pickled or preserved food intended for sale: *or*

(*b*) The sale or the manufacture for the purpose of sale, of ice-cream or the storage of ice-cream intended for sale,

have to be registered, and the following is a statement of registrations as at 31st December, 1949. For the purpose of comparison, the corresponding figures for 1948 are also shown:—

Registration of premises for:	1948	1949
(1) Preparation or manufacture of sausages, etc.	18	17
(2) Manufacture for sale of ice-cream	6	5
(3) Sale of ice-cream	33	57
Totals ...	57	79

It will be observed that the number of manufacturing establishments for ice-cream has again reduced. Of those still producing their own ice-cream, 3 are using the " cold mix " and the remainder have heat treatment plant.

Regular sampling has been carried out throughout the year, and the following table shows the results:—

	GRADE				Total
	Satisfactory (1)	Fairly Satisfactory (2)	Unsatisfactory (3)	Very Unsatisfactory (4)	
No. of Samples...	103	43	32	21	199

FOOD SHOPS.

Close supervision has been exercised over Shops where food is stored for sale. No difficulty has been experienced in detecting unsound food, as owners are anxious to obtain replacements and this necessitates the production of a condemnation certificate.

The following articles of foodstuffs have been voluntarily surrendered and certified as unfit for human consumption.

Tinned Goods	1,573 tins
Groceries:	
Butter	29¼ lbs.
Cheese	33½ lbs.
Eggs	43
Cake Mixture	61 lbs.
Bread	178 loaves
Fruit:	
Sultanas	12 lbs.
Prunes	25 lbs.
Meat:	
Beef	382½ lbs.
Pork	46 lbs.
Liver	126 lbs.
Bacon	8¾ lbs.

Disposal of Condemned Food.

All tinned goods and vegtables condemned were utilised for pig feeding.

Margarine, cheese and butter were returned to the wholesalers, and unfit fresh meat was returned to the Wholesale Meat Suppliers Association for Manufacturing purposes.

CARCASES INSPECTED AND CONDEMNED.

	Cattle excluding Cows	Cows	Calves	Sheep and Lambs	Pigs
Number killed (if known)... ...	—	—	—	—	*Approx.* 800
Number inspected	—	—	—	—	790
All Diseases except Tuberculosis : Whole carcases condemned ...	—	—	—	—	Nil
Carcases of which some part or organ was condemned ...	—	—	—	—	8
Percentage of the number inspected affected with disease other than Tuberculosis ...	—	—	—	—	1%
Tuberculosis only : Whole carcases condemned ...	—	—	—	—	1
Carcases of which some part or organ was condemned ...	—	—	—	—	66
Percentage of the number inspected affected with Tuberculosis ...	—	—	—	—	8·4%

FOOD POISONING OUTBREAKS :

Total number of outbreaks	Number of cases	Number of deaths	Organisms or other agents responsible with number of outbreaks of each	Foods involved with number of outbreaks of each
1	2	Nil	Salmonella	Duck Egg

No. 1 DISTRICT—Sanitary Inspector W. Davies.

	Inspections and visits made	Defects and Nuisances found	Preliminary Notices served	Statutory Notices served	Remedied
Public Health Acts	198	61	40	14	59
Housing Acts	154	—	—	—	—
Dairies, Cowsheds and Milkshops	285	18	6	—	18
Public Health (Meat) Regulations	198	—	—	—	—
Bakehouses	10	—	—	—	—
Factories, Workshops and Workplaces	12	2	2	1	2
Schools	10	2	2	—	2
Infectious Diseases	30	—	—	—	—
Houses disinfected	12	—	—	—	—
Cesspits cleansed and inspected	65	2	2	—	2
Nuisances from Sanitary Accommodation	53	—	—	—	—
Nuisances from defective drains	169	62	40	—	62
Nuisances from Animals	3	—	—	—	—
Nuisances from accumulations	62	12	40	—	12
Tents, Vans and Sheds	19	—	—	—	—
Supervising scavenging	133	14	14	—	14
Rats and Mice destruction	23	2	2	—	2
Inspection of water supplies	40	—	—	—	—
Samples of water for analysis	39	—	—	—	—
*Samples of milk for analysis	66	—	—	—	—
Petrol and Explosive Stores	17	—	—	—	—
Shop Acts and Employment of Young Persons ...	26	—	—	—	—
Visits not classified	385	—	—	—	—
Verminous Houses	17	—	—	—	—
Council House Inspections	18	—	—	—	—
Food and Drugs Act	65	—	—	—	—
Ice Cream samples	80	—	—	—	—
*Subjected to examination for Tubercle Bacilli 18 — (positive) ... 1 (negative) ... 17					
Totals	2,189	175	148	15	173

No. 2 DISTRICT—Senior Sanitary Inspector Evan Jones.

	Inspections and visits made	Defects and Nuisances found	Preliminary Notices served	Statutory Notices served	Remedied
Public Health Acts	180	80	42	16	80
Housing Acts	224	—	—	—	—
Dairies, Cowsheds and Milkshops	120	33	10	3	33
Public Health (Meat) Regulations	405	—	—	—	—
Bakehouses	10	2	—	—	2
Factories, Workshops and Workplaces	12	—	—	—	—
Schools	5	1	1	1	1
Infectious Diseases	36	—	—	—	—
Houses Disinfected	26	—	—	—	—
Cesspits cleansed and inspected	45	—	—	—	—
Nuisances from Sanitary accommodation	75	36	10	6	36
Nuisances from defective drains	109	52	36	12	52
Nuisances from animals	19	2	—	—	2
Nuisances from accumulations	32	—	—	—	—
Tents, Vans, Sheds	15	—	—	—	—
Supervising scavenging	112	—	—	—	—
Rats and Mice destruction	10	—	—	—	—
Inspection of water supplies	47	—	—	—	—
Samples of water for analysis	39	—	—	—	—
*Samples of milk for analysis	26	—	—	—	—
Petrol and Explosive Stores	44	—	—	—	—
Shops Acts and Employment of Young Persons ...	22	—	—	—	—
Visits not classified	56	—	—	—	—
Verminous houses	40	—	—	—	—
Council House inspections	15	—	—	—	—
Food and Drugs Act	44	—	—	—	—
Ice Cream Samples	42	—	—	—	—
*Subjected to examination for Tubercle Bacilli : 6 (positive) ... Nil (negative) ... 6					
Totals	1,810	206	99	38	206

No. 3 DISTRICT—Sanitary Inspector G. I. Hall.

	Inspections and visits made	Defects and Nuisances found	Preliminary Notices served	Statutory Notices served	Remedied
Public Health Acts	157	73	37	1	71
Housing Acts	155	—	—	—	—
Dairies, Cowsheds and Milkshops	209	—	—	—	—
Public Health (Meat) Regulations	359	—	—	—	—
Unsound Food	12	—	—	—	—
Bakehouses	3	—	—	—	—
Factories, Workshops and Workplaces	9	—	—	—	—
Schools	7	—	—	—	—
Infectious Diseases	26	—	—	—	—
Houses disinfected	7	—	—	—	—
Cesspits cleansed and inspected	81	21	5	—	21
Nuisances from sanitary accommodation	68	19	12	1	19
Nuisances from defective drains	270	17	15	—	17
Nuisances from animals	20	5	3	1	5
Nuisances from accumulations	28	3	—	—	3
Tents, Vans and Sheds	71	5	—	—	5
Supervising scavenging	198	—	—	—	—
Rats and Mice destruction	24	—	—	—	—
Inspection of water supplies	61	—	—	—	—
Samples of water for analysis	5	—	—	—	—
*Samples of milk for analysis	14	—	—	—	—
Sewage effluent	1	—	—	—	—
Petrol and Explosives Stores	38	—	—	—	—
Shops Acts and Employment of Young Persons ...	12	—	—	—	—
Atmospheric Pollution	25	—	—	—	—
Visits not classified	36	—	—	—	—
Verminous houses	15	—	—	—	—
Council House inspections	35	—	—	—	—
Food and Drugs Act	64	5	—	—	4
Ice-cream Samples	66	—	—	—	—
*Subjected to examination for Tubercle Bacilli: 12 (positive) ... 1 (negative) ... 11					
Totals	2,076	148	72	3	145

SECTION E

MILK.

At the commencement of the year the district councils were responsible for supervision of milk production, whilst the County Council granted licences for the production of graded milk and also bottling where carried out at the place of production and the following licences were in operation at 1st January, 1949:

(*a*)	Licences to produce and bottle milk under the designation T.T.	10
(*b*)	Licences to produce milk under the designation T.T.	39
(*c*)	Licences to produce and bottle milk under the designation "Accredited"	4
(*d*)	Licences to produce milk under the designation "Accredited"	48
		101

The following licences were granted by the District Council:—

		1948	1949
(*a*)	T.T. Bottling	3	5
(*b*)	Pasteurised	1	1
(*c*)	T.T. in bottles	9	12
(*d*)	Pasteurised	1	1
(*e*)	Pasteurised Establishments ...	1	1
(*f*)	Supplementary Pasteurised ...	2	2
(*g*)	Supplementary T.T.	1	1

Important legislation designed to bring into operation the policy defined by the Government in July 1943 in the White Paper, "Measures to Improve the Quality of the Nation's Milk Supply," took effect as from 1st October, 1949. Broadly speaking, the Minister of Agriculture is now responsible for supervision of milk production at the farm, but sanitary authorities retain the duty of controlling the distribution and sale of milk. So far as graded milk is concerned, the Minister of Agriculture and Fisheries now grants licences for the production of "Tuberculin Tested" and "Accredited" milks. The County Council grant licences for pasteurising and sterilising establishments, and local authorities continue to be responsible for all other licences, except dealers' licences issued to a local authority or County Council by the Minister of Food.

In pursuance of these new arrangements, this Council have granted the following licences since the 1st October, 1949:—

Dealer's Licence authorising the designation T.T. (Pasteurised)	1
Dealer's Licence authorising the designation Sterilised	3
Supplementary Licence authorising the designation Sterilised	1

Samples of milk for biological examination for Tubercle Baccili continued to be taken during the year of which two proved positive. Immediate steps were taken to have these milk supplies pasteurised, until a report was received from the Divisional Inspector that the herds were non-tuberculous.

The following table shows the results of samples of milk taken for bacteriological examination during the year:—

	Grade			Ungraded	Total
	T.T.	Pasteurised	Accredited		
Satisfactory	42	22	—	3	67
Unsatisfactory ...	18	—	—	—	18
Total ...	60	22	—	3	85

The following samples were taken for biological examination for the presence of tubercle bacilli:—

Samples.	*Negative.*	*Positive.*
36	34	2

The following improvements to cowsheds and dairies have been effected throughout the year:—

1. Tairmawr Farm, Lisvane ... New Cowshed to house 12 cows.
2. Little Park, Lisvane ... ... New dairy.
3. Pantyscawen ... ... Mains water installed.
4. Tydraw Farm, Lisvane ... ... Mains water installed.
5. Heol Hir Farm, Lisvane ... Mains water installed.
6. Llanishen Fach, Lisvane ... Improvement in lighting of cowshed.
7. Danygraig Farm, Rudry ... New floors and window to cowshed.
8. Gwernygrisial Farm, Rudry ... New yard paving and improved water supply.
9. Hill Farm, Lisvane ... ... Improved water supply and drainage.
10. Brittons Dairy, Kyle Avenue, Whitchurch. ... Bottle washing and sterilization plant installed.
11. Llwyncelyn, Lisvane ... ... New cooling shed and new cowshed completed.
12. Pwllwyn Farm, Pentyrch ... New dairy premises.
13. Llanmaes Farm, St. Fagans ... Reconstruction of cowshed.
14. Ty Isaf, Tongwynlais ... ... Mains water supply.
15. Llanerch, Pendoylan ... ... Mains water supply.
16. Pantycorad, Pentyrch ... ... New cowshed, conversion of building.
17. Bolgoed Farm, Pendoylan ... Mains water supply.
18. Cliff Farm, Llancarfan ... ... New floors and dairy.
19. Shapcourt Farm, Bonvilston ... New dairy.
20. Upper Farm, Rhoose ... ... New dairy.
21. Glascoed Farm, St. Andrews ... Conversion of building to cowshed.
22. Cartref, Pencoedtre, St. Andrews Conversion of building to cowshed.
23. Whitehall Farm, Wenvoe ... New cowshed.
24. Y Fran Oleu, Michaelston ... New cowshed and dairy.

TABLE X.

INCIDENCE OF NOTIFIABLE DISEASES IN THE VARIOUS PARISHES DURING 1949.

Parish	Scarlet Fever	Diphtheria	Pneumonia	Puerperal Pyrexia	Measles	Whooping Cough	Dysentery	Erysipelas	Opthalmia Neonatorum	Acute Poliomyelitis	Enteric	Cerebro Spinal Fever	Food Poisoning
Bonvilston	1	—	—	—	2	—	—	—	—	—	—	—	—
Lavernock	—	—	—	—	—	—	—	—	—	—	—	—	—
Leckwith	—	—	—	—	—	—	—	—	—	—	—	—	—
Lisvane	—	—	2	—	48	4	—	—	—	—	—	—	—
Llancarfan	—	—	—	—	5	—	—	—	—	—	—	—	—
Llanedeyrn ...	—	—	—	—	1	—	—	—	—	—	—	—	—
Llanilterne ...	1	—	—	—	1	1	—	—	—	—	—	—	—
Llanfedw	—	—	—	—	1	—	—	—	—	—	—	—	—
Llanvithyn	—	—	—	—	—	—	—	—	—	—	—	—	—
Llantrithyd ...	—	—	—	—	—	—	—	—	—	—	—	—	—
Michaelston-le-Pit	—	—	—	—	—	—	—	—	—	—	—	—	—
Pendoylan ...	2	—	1	—	1	—	—	—	—	—	—	—	—
Penmark and Porthkerry ...	—	—	1	—	5	2	—	1	—	—	—	—	—
Pentyrch	10	—	—	—	—	—	7	1	—	1	—	—	—
Peterston-s.-Ely ...	—	—	—	—	1	—	—	—	—	—	—	—	—
Radyr	2	—	—	—	5	9	—	—	—	—	—	—	—
Rhydygwern ...	—	—	—	—	—	—	—	—	—	—	—	—	—
Rudry	1	—	—	—	—	3	—	—	—	—	—	—	—
St. Andrews ...	2	—	1	—	104	—	—	—	—	1	—	—	—
St. Brides-s.-Ely ...	—	—	—	—	—	—	—	—	—	—	—	—	—
St. Fagans	2	—	—	—	—	—	1	—	—	1	—	—	—
St. Georges-s.-Ely	—	—	—	—	—	1	—	—	—	—	—	—	—
St. Lythans ...	—	—	—	—	2	—	—	—	—	—	—	—	—
St. Nicholas ...	1	—	—	—	7	—	—	—	—	—	—	—	—
Sully	—	—	—	—	2	—	—	—	—	—	—	—	—
Van	—	—	—	—	—	—	—	—	—	—	—	—	—
Welsh St. Donatts	1	—	—	—	—	—	—	—	—	—	—	—	—
Wenvoe	—	—	—	—	9	—	—	—	—	—	—	—	—
Whitchurch ...	11	—	15	—	87	27	—	1	—	—	—	—	2
Totals ...	34	—	20	—	281	47	8	3	—	3	—	—	2

TABLE XI.

ADMISSIONS TO THE CITY ISOLATION HOSPITAL during 1949 from Cardiff Rural District.

	Scarlet Fever	Diphtheria	Dysentery	Whooping Cough	Erysipelas	Measles & Pneumonia	Measles	Enteric Fever	Tonsilitis	Rubella	Pneumonia	T.B. Meningitis	Glandular Fever	Dentition	Infective Hepatitis	Poliomyelitis	Total	Died
January	4	–	–	–	–	–	2	–	–	–	–	–	–	–	–	–	6	—
February	3	–	–	–	1	–	–	–	1	–	–	–	–	–	–	–	5	—
March	4	–	–	–	–	–	1	–	–	–	–	1	2	–	–	–	8	—
April	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	—
May	7	–	–	–	–	–	5	–	–	–	–	–	1	–	1	–	14	—
June	1	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	2	—
July	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	—
August	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2	4	—
September	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	3	—
October	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	3	—
November	2	–	–	–	–	–	–	–	1	–	–	–	–	1	–	–	4	—
December	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	—
Totals	27	–	–	1	1	–	8	–	2	–	–	1	3	1	1	* 5	50	—

* Diagnosis not confirmed in two cases.

TABLE XII.

TUBERCULOSIS.

New Cases and Mortality during 1949.

Age Periods	New Cases				Deaths			
	Respiratory		Non-respiratory		Respiratory		Non-respiratory	
	Males	Females	Males	Females	Males	Females	Males	Females
0	—	—	—	—	—	—	—	—
1	1	—	—	—	—	—	—	—
5	1	1	—	—	—	—	—	—
15	3	2	1	2	—	—	—	—
25	5	1	—	1	—	1	1	—
35	6	4	—	—	3	—	—	—
45	2	2	—	1	—	2	—	1
55	3	1	—	—	2	—	—	—
65 and over	—	—	—	—	—	—	—	—
Totals ...	21	11	1	4	5	3	1	1

Prevalence of and Control over Infectious Diseases.

During the year 396 cases of infectious diseases were notified as compared with 405 for the previous year. No case of diphtheria was notified; this is the third successive year in which no cases have been notified. This is an interesting record and illustrates the value of Diphtheria Immunisation. These inoculations are being actively carried on both by private practitioners and by the staff of the South-east Health Division.

Tuberculosis.

Notification of new cases of tuberculosis has again shown a slight decrease from 45 to 37 of which 32 were of the pulmonary infection and 5 of non-pulmonary. The number of deaths was 10 as against 14 for the previous year.

The ratio of non-notified tuberculosis deaths is nil and in no case has it been necessary to communicate with any medical practitioner during the year.

The visiting of these cases is now carried out by the Health Visitors of the South-east Glamorgan Health Division and the reports of their visits are sent in to the Tuberculosis Physician. A copy of their report is sent also to the Health Department and any action that is necessary from the housing standpoint is taken by the Sanitary Inspectors.

In conclusion, I wish to thank the members of the Council and Chief Officials of the Departments, together with the staff of the Health Department for their co-operation and assistance during the year.

I am, Ladies and Gentlemen,

Your obedient Servant,

G. McKIM THOMAS,

Medical Officer of Health.

June, 1950.